

Preliminary Data Gap Analysis
Pebble Project Environmental Impact Statement

Resource: Transportation			
Project Component	Analysis Component	Description	Data Recommendations
			*Need additional detail of frequency of trips (per day/week/month/year) and origin of trip for water/air modes (i.e., Anchorage/Kenai) for Applicant Proposed Project – Section numbers refer to Attachment D – PD submitted by PLP to USACE.
All Components	Effects Analysis for surface/water transportation	Construction – delivery/disposal of materials/supplies	Frequency and total length of time needed for delivery/disposal of materials and supplies (e.g., X trips per week for X (supply/material) by barge/truck/ferry from (origin: Anchorage) to Mine Site. Types of materials to be delivered to site (including pre-fab buildings; equipment, etc.). Providing a table would be helpful.
All Components	Effects Analysis for air transportation	Additional Personnel Detail	Section 3.5.5: Will be flown in/out to Iliamna Airport and transported to site by road. Please provide frequency of flights (in/out bound); shifts and number of flights per week/month. Where will flights originate?
All Components	Effects Analysis for air transportation	Use of helicopters	Section 3.5.9: Need additional information regarding frequency and use/purpose of helicopters, including originations and destinations. Will helicopters be used only for emergency purposes?
Transportation Corridor	Effects Analysis for surface/water transportation	Public/Private Access	Section 3.8: Will ferry ports be restricted for private use only? Roads are private: will they be fenced/gated and will use by local residents be allowed? Please identify location of gates along transportation corridor.
All Components	Effects Analysis for air transportation	Delivery of supplies by Air	Section 3.9: “some supplies (perishable foods) may be transported by air to Iliamna Airport and trucked to mine site.” Please provide additional detail on potential frequency of flights (once per week) anticipated and from where supplies would originate (i.e., Anchorage).

Pipeline Corridor	Effects Analysis for surface transportation	Construction and Maintenance – Kenai Peninsula	Section 3.10: metering station and pipeline will be constructed from Happy Valley along Sterling Highway to Anchor Point. What is the construction duration and will there be any road closures required?
Pipeline Corridor	Effects Analysis for water traffic within Cook Inlet and Lake Iliamna	Construction and Maintenance – Cook Inlet and Lake Iliamna	What is/are the duration and types of equipment needed to install/construct the pipeline within Cook Inlet and Iliamna Lake? Where will supplies be coming from and frequency of traffic within Cook Inlet?
Transportation Corridor	Effects Analysis for surface transportation	Maintenance Activities for summer and winter road conditions	Provide additional detail (including frequency, type of equipment/supplies/materials needed) on maintenance activities associated with road maintenance during summer (e.g., dust control) and winter roads (e.g., plowing).
All Components	Effects Analysis associated with safety	Safety	What safety precautions will be put in place for spills/leaks for the transport of materials, supplies, reagents, fuels along the road (i.e., escort/pilot vehicles) and pipelines? Maintenance?
Amakdedori Port	Affected Environment	Updated AIS vessel data for existing Cook Inlet vessel traffic	Have data from 2012; but would like to get updated information. Request information from the Marine Exchange of Alaska: http://www.mxak.org/ . See reference (would we need to request information through USACE?): http://www.poa.usace.army.mil/Portals/34/docs/AKports/Ed%20Page%20-%20MEA.pdf
All Components	Affected Environment	References from PLP Baseline Studies	Can PLP provide the following references cited in the baseline studies: <ul style="list-style-type: none"> - PND Engineers, Inc. 2007 Iliamna Regional Transportation Corridor Analysis (IRTCA) Volume 1 for ADOTPF, Central Region Planning. - HDR Alaska (2007) Iliamna Airport Master Plan for ADOTPF. - HDR Alaska (2007) Port Alsworth Draft Airport Master Plan for ADOTPF. - PND (2008) Lake Iliamna Multiple Community Barge Landing Design Project for the LPB.

Data Reviewed

1. PLP USACE Application - Attachment D – Project Description
2. Transportation Baseline Studies: [\\S062NT17.us.ie.urs\Secure Projects\60566281 Pebble EIS\Task 3 - Draft EIS\3.3 Draft EIS\Ch3-AffectedEnv\Sec3.2-3.10-Social Environment\Sec3.5-Transportation\References\PLP_Baseline_Trans_Repts](#)
3. Lake and Peninsula Borough Data: [\\S062NT17.us.ie.urs\Secure Projects\60566281 Pebble EIS\Task 3 - Draft EIS\3.3 Draft EIS\Ch3-AffectedEnv\Sec3.2-3.10-Social Environment\Sec3.5-Transportation\References\PDGA_Refs\LPB](#)
4. Kenai Peninsula Borough Transportation Plan – December 2003: [\\S062NT17.us.ie.urs\Secure Projects\60566281 Pebble EIS\Task 3 - Draft EIS\3.3 Draft EIS\Ch3-AffectedEnv\Sec3.2-3.10-Social Environment\Sec3.5-Transportation\References\PDGA_Refs\KPB](#)
5. Cook Inlet Risk Assessment Final Report – January 27, 2015, Revision 1: [\\S062NT17.us.ie.urs\Secure Projects\60566281 Pebble EIS\Task 3 - Draft EIS\3.3 Draft EIS\Ch3-AffectedEnv\Sec3.2-3.10-Social Environment\Sec3.5-Transportation\References\PDGA_Refs\CIRA_Final_Report_FNL_REV_1_w_Appendices.pdf](#)
6. Southwest Alaska Transportation Plan (Final May 2016):
http://www.dot.alaska.gov/stwdplng/areaplans/area_regional/sw.shtml
7. ADOTPF Transportation Data Programs – Traffic Maps, Volume Data and Reports:
http://dot.alaska.gov/stwdplng/transdata/traffic_maps_home.shtml
8. ADOTPF Transportation Data Programs – Public Roads, Crash, Traffic, GIS/Mapping:
<http://www.dot.alaska.gov/stwdplng/transdata/index.shtml>
9. ADOTPF Central Region Planning: <http://dot.alaska.gov/creg/planning/index.shtml>
 - a. Statewide Transportation Improvements Program (STIP): <http://www.dot.state.ak.us/stwdplng/cip/stip/index.shtml>
 - b. Airport Improvement Program: <http://dot.alaska.gov/creg/planning/aip.shtml>
 - c. Highway Data: <http://dot.alaska.gov/creg/planning/hwydata.shtml>
 - d. Central Region Projects: http://dot.alaska.gov/creg/project_info/
10. Airport Information:
 - a. <http://www.gcr1.com/5010web/>
 - b. <https://www.airnav.com/>
 - c. <https://www.transtats.bts.gov/>
11. US Department of Commerce – United States Coast Pilot 9: <https://nauticalcharts.noaa.gov/publications/coast-pilot/index.html>